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PTO/SB/01 (12-97)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> <b>(37 CFR 1.63)</b>  <input type="checkbox"/> Declaration Submitted with Initial Filing      OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	IT 106
	First Named Inventor	Elizabeth M. Denholm
	<b>COMPLETE IF KNOWN</b>	
	Application Number	/
	Filing Date	November 17, 2000
	Group Art Unit	
	Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ATTENUATION OF TUMOR GROWTH, METASTASIS AND ANGIOGENESIS**

the specification of which *(Title of the Invention)*

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) **11/17/2000** as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/165,957	11/17/1999	

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IT 106

21024/16

Filed: November 17, 2000

ATTENUATION OF TUMOR GROWTH, METASTASIS AND ANGIOGENESIS

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer  
Number Bar Code  
Label here

Name	Registration Number	Name	Registration Number
Patrea L. Pabst	31,284		
Robert A. Hodges	41,074		

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label ☐ OR ☒ Correspondence address below

Name	Patrea L. Pabst				
Address	Arnall Golden & Gregory, LLP				
Address	2800 One Atlantic Center, 1201 West Peachtree Street				
City	Atlanta	State	GA	ZIP	30309-3450
Country	United States	Telephone	(404)873-8794	Fax	(404)873-8795

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))		Family Name or Surname					
Elizabeth M.		Denholm					
Inventor's Signature	<i>Elizabeth M. Denholm</i>			Date	01/03/01		
Residence: City	Pointe Claire	State	Quebec	Country	CANADA	Citizenship	US
Post Office Address	2 Victoria Avenue						
Post Office Address							
City	Pointe Claire	State	Quebec	ZIP	H9S 4S3	Country	CANADA

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

Filed: November 17, 2000

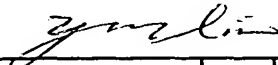
ATTENUATION OF TUMOR GROWTH, METASTASIS AND ANGIOGENESIS

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PTO/SB/02A (3-97)  
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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>1</u> of <u>1</u>
--------------------	---

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Yong-Qing				Lin			
Inventor's Signature						Date	01/04/01
Residence: City	Nanuet	State	NY	Country	US	Citizenship	CA
Post Office Address	Jeanne Marie Gardens, Apt. 12L						
Post Office Address							
City	Nanuet	State	NY	ZIP	10954	Country	US
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Paul J.				Silver			
Inventor's Signature						Date	
Residence: City	Spring City	State	PA	Country	US	Citizenship	US
Post Office Address	154 Barton Drive						
Post Office Address							
City	Spring City	State	PA	ZIP	19475	Country	US
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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Filed: November 17, 2000

ATTENUATION OF TUMOR GROWTH, METASTASIS AND ANGIOGENESIS

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PTO/SB/02A (3-97,  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 1

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Yong-Qing

Lin

Inventor's  
Signature

Date

Residence: City

Nanuet

State

NY

Country

US

Citizenship

CA

Post Office Address

Jeanne Marie Gardens, Apt. 12L

Post Office Address

City

Nanuet

State

NY

ZIP

10954

Country

US

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Paul J.

Silver

Inventor's  
Signature

Date

Residence: City

Spring City

State

PA

Country

US

Citizenship

US

Post Office Address

154 Barton Drive

Post Office Address

City

Spring City

State

PA

ZIP

19475

Country

US

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Inventor's  
Signature

Date

Residence: City

State

Country

Citizenship

Post Office Address

Post Office Address

City

State

ZIP

Country

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Elizabeth M. Denholm, Yong-Qing Lin, and Paul J. Silver

**Serial No:** 09/715,965

**Art Unit:** Not yet assigned

**Filed:** November 17, 2000

**Examiner:** Not yet assigned

**For:** ATTENUATION OF TUMOR GROWTH, METASTASIS  
AND ANGIOGENESIS

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D. C. 20231

**POWER OF ATTORNEY BY ASSIGNEE  
OF ENTIRE INTEREST AND REVOCATION OF PRIOR POWERS**

Sir:

As owner of the entire interest of the above-identified patent application, as evidenced by the attached Statement Under 37 C.F.R. § 3.73(b), all powers of attorney previously given are hereby revoked and the following attorneys and agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Patrea L. Pabst  
Zhaoyang Li

Registration No. 31,284  
Registration No. 46,872

U.S.S.N. 09/716,965  
Filed: November 17, 2000  
Power of Attorney by Assignee  
of Entire Interest and  
Revocation of Prior Powers


Please send all correspondence relating to the above-identified patent application to:

Patrea L. Pabst  
HOLLAND & KNIGHT LLP  
2000 One Atlantic Center  
1201 West Peachtree Street, N.E.  
Atlanta, Georgia 30309-3400

(404) 817-8473 - Telephone  
(404) 817-8588 - Fax

The undersigned signatory (whose title is supplied below) is empowered to act on behalf of the assignee identified below, and has reviewed all the documents in the chain of title of the patent application and, to the best of undersigned's knowledge and belief, title is in the assignee.

**IBEX PHARMACEUTICALS, INC.**

By:   
Name: Robert H. H.  
Title: President  
Date: 5-23-01

PTO/SB/98 (08-00)

Approved for use through 10/31/2002. MB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**STATEMENT UNDER 37 CFR 3.73(b).**

Applicant/Patent Owner: Elizabeth M. Derholm, Yong-Qing Lin, and Paul J. Silver  
 Application No./Patent No.: 09/715,965 Filed/Issue Date: November 17, 2000  
 Entitled: ATTENUATION OF TUMOR GROWTH, METASTASIS AND ANGIOGENESIS  
IBEX Pharmaceuticals, Inc., a Corporation  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
 2. ☐ an assignee of less than the entire right, title and interest.  
 The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.  
 2. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.  
 3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

- [ ] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

5-23-01  
 Date

Robert HERT  
 Typed or printed name  
[Signature]  
 Signature  
President  
 Title

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## ASSIGNMENT

We, Elizabeth M. Denholm of 2 Victoria Avenue, Pointe Claire, Quebec H9S 4S3, CANADA, Yong-Qing Lin of 4895 Bourret Avenue, Apt. 401, Montreal, Quebec H3W 1L2, CANADA, and Paul J. Silver of 154 Barton Drive, Spring City, Pennsylvania 19475, in consideration of ten dollars and other valuable consideration paid to us by IBEX Pharmaceuticals Inc., a corporation of CANADA, having its principal place of business at 5485 Pare, Montreal, Quebec H4P 1P7, CANADA, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said IBEX Pharmaceuticals Inc., its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "*Attenuation of Tumor Growth, Metastasis and Angiogenesis*" described in U.S. Serial No. 09/715,965 filed in the United States Patent and Trademark Office on November 17, 2000, by Elizabeth M. Denholm, Yong-Qing Lin, and Paul J. Silver, which claims priority to U.S. Provisional Application Serial No. 60/165,957 filed in the United States Patent and Trademark Office on November 17, 1999, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any provisional, divisional, continuation, continuation-in-part, reissue, or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation, and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.



Title: "Attenuation of Tumor Growth, Metastasis and Angiogenesis"  
By: Elizabeth M. Denholm, Yong-Qing Lin, and Paul J. Silver  
Filed: November 17, 2000  
ASSIGNMENT

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 25<sup>th</sup> day of April 26, 2001.

Elizabeth M. Denholm  
Elizabeth M. Denholm

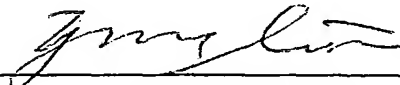
Witnesses:

1. Signed: Claire Bergeron  
Printed Name: Claire Bergeron  
Address: 5485 PARE, MONTREAL, QC, H4P 1P7

2. Signed: Susan Galbraith  
Printed Name: SUSAN GALBRAITH  
Address: 5485 PARE, MONTREAL, QC H4P 1P7

Title: "Attenuation of Tumor Growth, Metastasis and Angiogenesis"  
By: Elizabeth M. Denholm, Yong-Qing Lin, and Paul J. Silver  
Filed: November 17, 2000  
ASSIGNMENT

WITNESS my hand and seal this 10 day of MAY, 2001.



Yong-Qing Lin

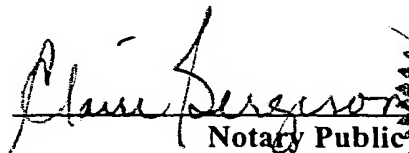
Province of Quebec

~~State of New York~~ )

Country

~~Country~~ of CANADA )

Then personally appeared the above named Yong-Qing Lin and acknowledged the foregoing instrument to be his free act and deed, before me this 10<sup>th</sup> day of May, 2001.

  
Notary Public



My Commission expires: \_\_\_\_\_

Title: "Attenuation of Tumor Growth, Metastasis and Angiogenesis"  
By: Elizabeth M. Denholm, Yong-Qing Lin, and Paul J. Silver  
Filed: November 17, 2000  
ASSIGNMENT

WITNESS my hand and seal this 14 day of May, 2001.

*Paul J. Silver*

Paul J. Silver

*Province of Quebec*  
Commonwealth of Pennsylvania )  
Country  
~~Country of~~ *Canada* )

Then personally appeared the above named Paul J. Silver and acknowledged the foregoing instrument to be his free act and deed, before me this 14 day of May, 2001.

*Claire Bergeron*

Notary Public

My Commission expires: \_\_\_\_\_

